



# CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - NOVEMBER 2022



Lab Name **BEST DIAGNO LAB**

Lab No **1677**

Constituent Group **Chemistry I**

Date of Result Entered : **15/11/2022**

PT item **Lyophilized Serum**

Date of Report Published : **06/12/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Mindray	210	320.04	6.46	20.68	359 mg/dL	1.88	2.85
2	UREA	Urease UV / GLDH	Mindray	237	56.85	5.98	3.40	59.94 mg/dL	0.91	0.44
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Mindray	122	3.89	9.48	0.37	4.37 mg/dL	1.30	0.07
4	T.BILIRUBIN	Diazonium salt ( Colorimetric ) / Jendrassik	Mindray	195	1.70	11.39	0.19	1.74 mg/dL	0.21	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	232	5.51	5.97	0.33	5.9 g/dL	1.19	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	231	3.48	7.18	0.25	3.7 g/dL	0.88	0.03
7	CALCIUM	Arsenazo III	Mindray	189	9.95	8.62	0.86	9.4 mg/dL	-0.64	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	144	4.01	12.73	0.51	3.36 mg/dL	-1.27	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	241	9.02	6.88	0.62	7.98 mg/dL	-1.68	0.08
10	CHOLESTEROL	CHOD-PAP	Mindray	246	115.83	6.57	7.61	133.6 mg/dL	2.34	0.97
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	228	223.64	6.73	15.06	223.5 mg/dL	-0.01	1.99
12	HDL	Direct method / Enzymatic colorimetric	Mindray	177	26.28	7.57	1.99	26 mg/dL	-0.14	0.30
13	SODIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	170	137.57	3.79	5.21	138.1 mmol/L	0.10	0.80
14	POTASSIUM	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	161	5.32	7.26	0.39	5.3 mmol/L	-0.05	0.06
15	CHLORIDE	OTHERS ( Any Other Principles / Methods )	Any Analyser (Automation / Semi Automation )	121	98.66	4.60	4.54	99.9 mmol/L	0.27	0.83
16	ALP	PNP AMP kinetic	Mindray	147	154.65	13.97	21.61	156.2 U/L	0.07	3.56

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within $\pm 1.01$ to $\pm 2.00$	Good.
Within $\pm 2.01$ to $\pm 2.99$	Accept with caution. Warning Signal.
Beyond $\pm 3.0$	Unacceptable performance. Action Signal.

LAB ADDRESS :

**BEST DIAGNO LAB**

**NO.1B, SAI GURU KRIPA, 1st FLOOR, REAR BLOCK, NO:47 (OLD NO.11), EAST MADA STREET, THIRUVANMIYUR CHENNAI**

**TAMILNADU600041**

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Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

\*\*\*\*\* End of Report \*\*\*\*\*